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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/666,067	09/18/2003	Steven S. Homer	200312366-1	7680

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HEWLETT PACKARD COMPANY
P O BOX 272400, 3404 E. HARMONY ROAD
INTELLECTUAL PROPERTY ADMINISTRATION
FORT COLLINS, CO 80527-2400

EXAMINER

DUONG, HUNG V

ART UNIT	PAPER NUMBER
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2835

DATE MAILED: 01/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/666,067

Applicant(s)

HOMER ET AL.

Examiner

Hung v Duong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6, 8-13, 15-21 and 23-25 is/are rejected.
- 7) ☒ Claim(s) 7, 14 and 22 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) ✓
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO 1449 or PTO/SB/08) ✓
Paper No(s)/Mail Date 9/18/03.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

HUNG VAN DUONG
PRIMARY EXAMINER

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-4, 8-13, 15-20, 23-25 are rejected under 35 U.S.C. 102(b) as being anticipated by Karidis et al (US Pat. 6,229,693).

Regarding claims 1-4, 8-13, 15-20, 23-25 Karidis et al disclose a computer system comprising: a base 31; a frame 43 hingedly mounted on the base 31 to pivot between open positions and a closed position; and a display 35 rotatably mounted in the frame 43 to rotate between an inward facing position and an outward facing position wherein the computer system can convertibly serve as a notebook personal computer and a tablet personal computer wherein a viewing side of the display faces toward the base when the display is in the inward facing position and the frame is in the closed position wherein a viewing side of the display faces away from the base when the display is in the outward facing position and the frame is in the closed position wherein the display 35 has a perimeter; and the frame 43 substantially surrounds the perimeter of the display 35 wherein the display 35 rotates about a horizontal axis relative to the frame 43.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 5-6, and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Karidis et al (US Pat. 6,229,693) in view of Flint et al (US Pat. 6,686,886).

Regarding claims 2, 9, and 16 Karidis et al disclose all the subject matter of the claimed invention except for an antenna disposed in the frame and operable to emit a signal. However Flint et al disclose an antenna disposed in the frame and operable to emit a signal (see Flint et al's figures 5-6). Therefore, it would be obvious to one of ordinary skill to modify an antenna of Flint et al into Karidis's computer system in order to utilize the an antenna for integration into a portable processing device.

Allowable Subject Matter

3. Claims 7, 14, and 22 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

the prior art fails to show that control buttons disposed in the display and user accessible when the frame is in the open position and the display is in the inward facing

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position and when the frame is in the closed position and the display is in the outward facing position or that a first and second clutch interfaces pivotally connecting the base and the display holder; and first and second hinges rotatably connecting the display holder and the display at the two opposing edges; and wherein a first one of the electrical paths passes through the first hinge and the first clutch interface between a first one of the opposing edges of the display and the base; and a second one of the electrical paths passes through the second hinge and the second clutch interface between a second one of the opposing edges of the display and the base.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Agata et al (US Pat. 6,504,707) teach portable computer.

Asano et al (US Pat. 6,636,181) teach transmitter, computer system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Duong whose telephone number is (571) 272-2041. The examiner can normally be reached on M-F from 8:30 to 5:00PM.

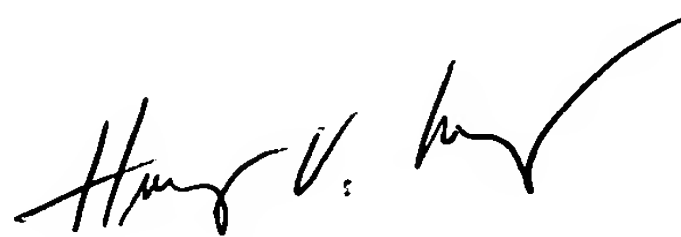
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn D. Feild can be reached on (571) 272-2092. The fax phone number for this Group is (703) 872-9306.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956

HVD

1/05/05

A handwritten signature in black ink, appearing to read 'Hung V. Duong', with a stylized flourish at the end.

Hung Duong
Primary Examiner